

# DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER) BOARD AND CODE ADMINISTRATION DIVISION

# NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208 Miami, Florida 33175-2474 T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/economy

Loren Cook Company 2015 E. Dale Street Springfield, MO 65803

Score:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

# **DESCRIPTION:** H Series Steel and Aluminum Rooftop Fans

**APPROVAL DOCUMENT:** Drawing No. **SD140501-75**, titled "H Series Propeller Fan Roof Mounted Hurricane Rated", sheets 1 through 8 of 8, dated 08/15/2015, prepared by Loren Cook Company, signed and sealed by Bradley F. Skidmore, P.E. on 02/11/2016, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

# MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official. This NOA consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Carlos M. Utrera, P.E.** 

(MIAMI-DADE COUNTY)
APPROVED

Stress 05/04/2016

NOA No. 15-1005.04 Expiration Date: May 12, 2021 Approval Date: May 12, 2016 Page 1

### NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

### A. DRAWINGS

1. Drawing No. **SD140501-75**, titled "H Series Propeller Fan Roof Mounted Hurricane Rated", sheets 1 through 8 of 8, dated 08/15/2015, prepared by Loren Cook Company, signed and sealed by Bradley F. Skidmore, P.E. on 02/11/2016.

#### B. TESTS

Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94

 Large Missile Impact Test per FBC, TAS 201-94
 along with marked-up drawings and installation diagram of H-Series Rooftop Ventilators, prepared by Intertek/Architectural Testing, Inc., Test Report No.
 E0341.01-801-18, dated 07/10/2015, with a revision dated 02/08/2016, signed and sealed by Tyler Westerling, P.E.

# C. CALCULATIONS

1. Wind Loads and anchor calculations prepared by Loren Cook Company, dated 08/15/2015, signed and sealed by Bradley F. Skidmore, P.E.

#### D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

#### E. MATERIAL CERTIFICATIONS

1. None.

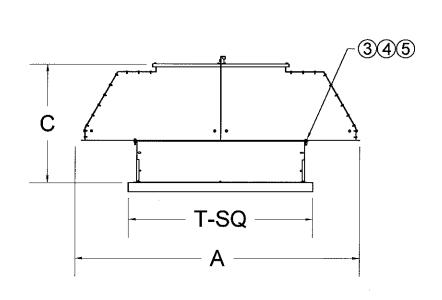
# F. STATEMENTS

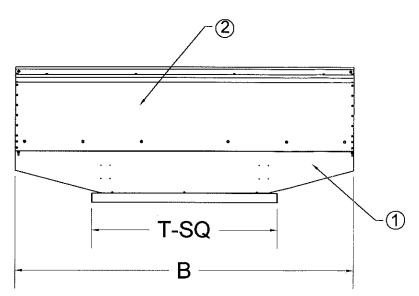
- 1. Statement letter of code conformance to the 5<sup>th</sup> edition (2014) FBC issued by Loren Cook Company, dated 09/15/2015, signed and sealed by Bradley F. Skidmore, P.E.
- 2. Statement letter of no financial interest issued by Loren Cook Company, dated 09/15/2015, signed and sealed by Bradley F. Skidmore, P.E.

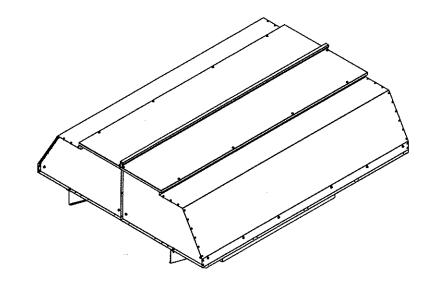
Carlos M. Utrera, P.E. Product Control Examiner NOA No. 15-1005.04

Expiration Date: May 12, 2021 Approval Date: May 12, 2016

E -1







48		90	110	41 1/2	60	1265
	42	90	110	41 1/2	54	1235
42		90	90	38	0-1	1155
	36	90	90	38	48	975
36		80	80	33	70	915
	30	80	80	33	42	710
30		69	69	30 1/2	72	660
	24	69	69	30 1/2	36	610
24		59	59	28 3/4	30	565
	20	59	59	28 3/4	32	520
20	-	52	52	27 1/4	52	470
UNFILTERED UNIT SIZE	FILTERED UNIT SIZE					
BELT DRIVE MODELS HEE,HES,HXEL,HXEM HXSL,HXSM,HER DIRECT DRIVE MODELS HEE-D,HES-D, HER-D	BELT DRIVE MODELS HEF, HXFL, HXFM DIRECT DRIVE MODELS HEF-D	A DIM	B DIM	C DIM	T SQ	MAX. UNIT WEIGHT

5	3/8 USS WASHER (1 OD)		4
4	3/8 NYLOC LOCKNUT		4
3	3/8 X 1 HEX BOLT		4
2	HOOD ASSEMBLY	8	1
1	BASE ASSEMBLY	4	1
ITEM	DESCRIPTION	SHEET	QUANTITY

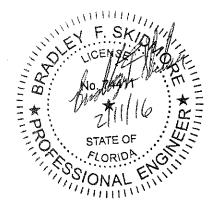
NOTES:

DESIGN PRESSURE: +/- 130PSF GALVANIZED STEEL HOOD +/- 70PSF ALUMINUM HOOD

ALL DIMENSIONS IN INCHES.

DESIGN, TESTING AND ATTACHMENT CONFORMS TO FLORIDA BUILDING CODE.

MINIMUM SY=30KSI SHEET STEEL
MINIMUM SY=17KSI SHEET ALUMINUM



BRADLEY F SKIDMORE FL PE LIC NO. 74411

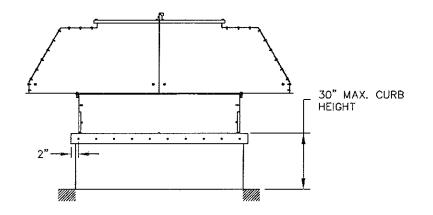
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DECIMA	Ļ			FR	ACTIO	NA	L	
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.XXX≖±.0				12" Th				
.xxxx=±.0	01"		>9	6" THI			,	
ANGULA	R		>144"=±3,			=±3/	8″	

(NC)=NO INSPECTION REQ'D

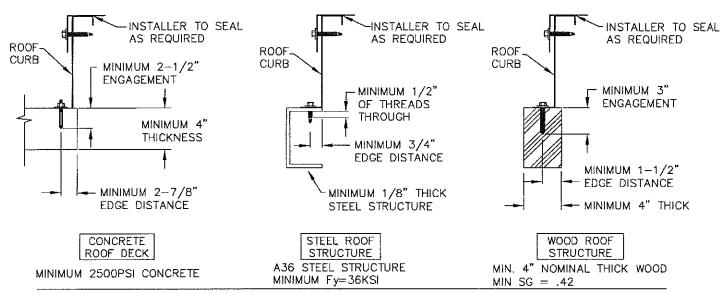


HSERIES PROPELLER FAN
ROOF MOUNTED
HURRICANE RATED
SIZE DRAWING NO. RE

B SD140501-75 E



#### ATTACHMENT OF CURB TO ROOF STRUCTURE



	FASTENER TABLE							
UNIT SIZE	MINIMUM NUMBER OF FASTENERS PER SIDE TO ATTACH UNIT TO CURB	MINIMUM NUMBER OF FASTENERS PER SIDE TO ATTACH CURB TO ROOF STRUCTURE						
20	5	5						
24	6	6						
30	7	7						
36	8	9						
42	9	10						
48	10	10						

Approved as complying with the Florida Building Code
Date 05/12/2016
NOA# 15-105-04
Miami Dade Product Control
By

#### NOTES:

- 1) H-SERIES PROP FAN AS REFERRED TO HEREIN REFERS TO ALL LOREN COOK MODEL ROOF MOUNT POWER VENTILATORS INCLUDING BOTH DIRECT DRIVE AND BELT DRIVE TYPE UNITS WHICH ARE CONSTRUCTED WITH THE SAME OUTER HOUSING COMPONENTS. THE FULL RANGE OF MODELS WOULD BE:

  HEE, HES, HEF
  - HXEL, HXEM, HXSL, HXSM, HXFL, HXFM HER
- 2) THIS APPROVAL IS FOR THE STRUCTURAL CAPACITY OF THE EXTERIOR HOUSING ONLY, IT DOES NOT INCLUDE ANY INTERIOR MECHANISM OR ELECTRICAL PART.
- 3) THIS PRODUCT HAS NOT BEEN TESTED FOR WATER PENETRATION ACCORDING TO FLORIDA BUILDING CODE TAS 100(A) WIND DRIVEN RAIN TEST. IT CANNOT BE INSTALLED WITHIN THE RIDGE AREA FBC 1523.6.5.2.13
- 4) UNIT IS TO INCLUDE A CURB CAP BASE TO FACILITATE MOUNTING OF THE UNIT TO A CURB. THE CURB WILL BE ADEQUATELY ATTACHED TO THE BUILDING STRUCTURE TO SUSTAIN ALL FORCES WHICH MAY BE PRODUCED BY THE PRESCRIBED ENVIROMENTAL FORCES EXERTED ON THE FAN AND CURB. THE CURB MUST BE ATTACHED TO A STRUCTURAL MEMBER OF THE BUILDING.

CONCRETE DECK: CURB IS TO BE ATTACHED WITH WEDGE TYPE CONCRETE ANCHOR — MINIMUM 3/8" DIAMETER CARBON STEEL — HILTI KWIK BOLT 3 OR EQUAL.

MINIMUM 2-1/2" OF ENGAGEMENT IN 2000 PSI MINIMUM CONCRETE.

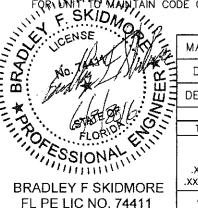
MINIMUM DECK THICKNESS IS 4". SEE TABLE FOR MINIMUM QUANTITY OF ANCHORS REQUIRED PER CURB SIDE.

STEEL ROOF STRUCTURE: CURB IS TO BE ATTACHED WITH SELF-DRILLING STEEL SCREW OF MINIMUM NOMINAL SIZE OF #12. THE SCREW SHALL PASS THROUGH STEEL STRUCTURE AT LEAST 1/2". SEE TABLE FOR MINIMUM QUANTITY OF SCREWS REQUIRED PER CURB SIDE.

WOOD ROOF STRUCTURE: CURB IS TO BE ATTACHED WITH STEEL LAG BOLTS NOMINAL SIZE OF 5/16" DIAMETER OR LARGER. WOOD IS TO BE 4" NOMINAL SIZE OR GREATER. THE BOLT SHALL HAVE A MINIMUM OF 3" OF THREAD ENGAGEMENT AND SHALL BE AT LEAST 1-1/2" FROM MATERIAL EDGE. SEE TABLE FOR MINIMUM QUANTITY OF BOLTS REQUIRED PER CURB SIDE

- 5) THE CURB SHALL BE CONSTRUCTED OF 5052 ALUMINUM OR G-90 GALVANIZED STEEL OR 300 SERIES STAINLESS STEEL. THE GALVANIZED STEEL CURB MATERIAL THICKNESS SHALL BE 18 GA (0.052") OR GREATER WITH WELDED CORNERS, THE CURB HEIGHT SHALL NOT EXCEED 30".
- 6) THE H-SERIES PROP POWER VENTILATOR SHALL BE ATTACHED TO THE CURB WITH ONE OF THE FOLLOWING METHODS INSTALLED ON ALL FOUR SIDES OF THE CURB CAP. THE FASTENERS SHALL BE 2" FROM EACH CORNER OF THE FAN BASE. THE DISTANCE BETWEEN FASTENERS SHALL BE 5-1/2" OR LESS. THE QUANTITY OF FASTENERS INTO EACH CURB SIDED SHALL EQUAL OR EXCEED THE QUANTITY SHOWN IN THE FASTENER TABLE (AT LEFT).
  - A) #12 X 2" HEX WASHER HEAD SELF-DRILLING SCREW
  - ) ALTERNATE FASTENER .25" HEX HEAD BOLT AND WASHER WITH COMPANION NUT INSTALLED ON THE INTERIOR OF THE CURB.
- 7) ALL FASTENERS ARE TO BE HIGH QUALITY CORROSION RESISTANT STEEL OR STAINLESS STEEL.
- 8) ANY GAP BETWEEN THE CURB AND CURB CAP SHALL BE FILLED BY THE INSTALLING CONTRACTOR WITH A SUITABLE CORROSION RESISTANT MATERIAL THAT ALLOWS THE FASTENERS TO BE INSTALLED WITHOUT CAUSING EXCESSIVE DISTORTION OF THE UNIT FLANGES.
- 9) THE INSTALLER IS RESPONSIBLE FOR CHECKING THAT ALL FASTENERS ARE PROPERLY INSTALLED AND ALL ACCESS PANELS ARE IN PLACE BEFORE PUTTING THE UNIT INTO SERVICE.

10) ALL FASTENERS AND ACCESS PANELS MUST BE PROPERLY INSTALLED AFTER MAINTENANCE OPERATIONS FOR UNIT TO MAINTAIN CODE COMPLIANCE.



MAT'L 
DRAWN BFS 08/15/15

DESIGNER BFS SHEET 2 OF 8

DO NOT SCALE DRAWING

\*\*SPRINGFIELD, MISSOURI

HSERIES PROPELLER FAN

ROOF MOUNTED

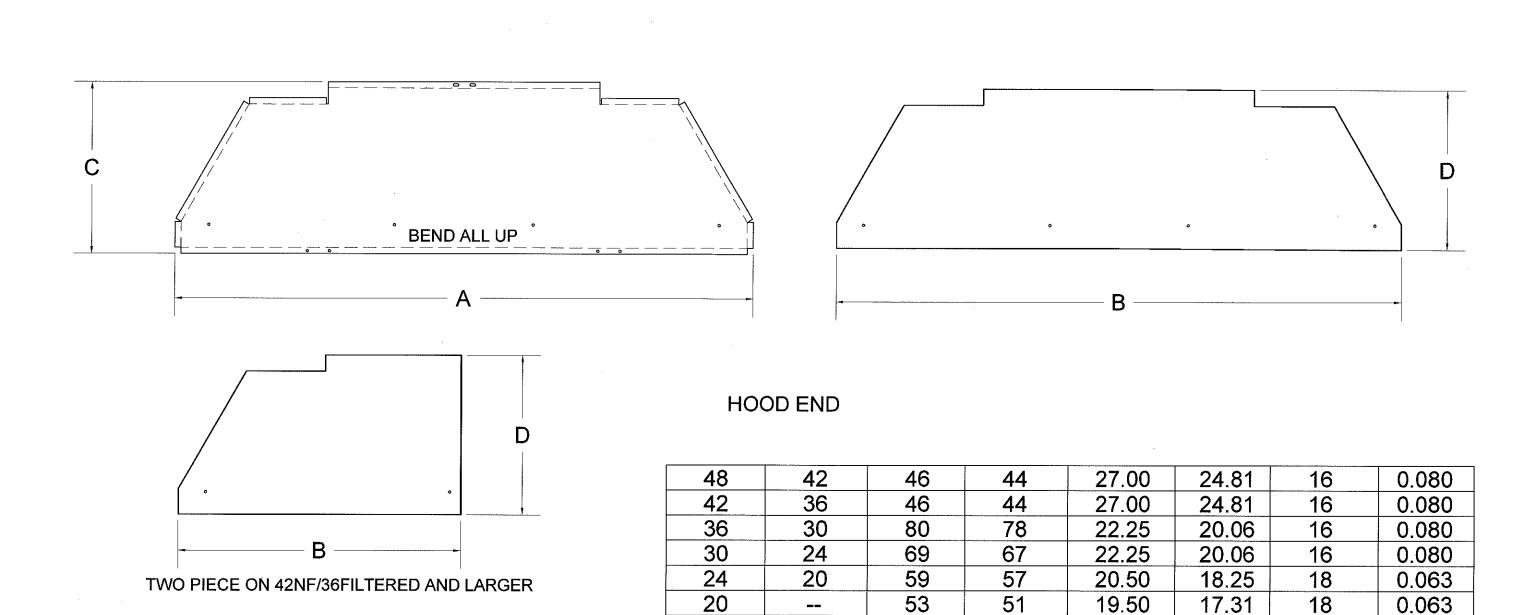
loren cook co.

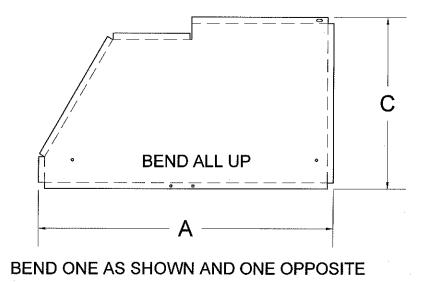
MANUFACTURERS OF AIR MOVING EQUIPMENT

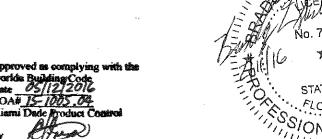
HURRICANE RATED

THE SIZE DRAWING NO. REV.

B' B SD140501-75 B







**FILTERED** 

NON FILTERED

SIZE

MA

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DES

TO

SKIDMORE

NO. 74411

В

DIM

MAT'L	AS	ASTM 653 G90					
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	DO	NOT SO	CALE DRAWING	1-7			
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DECIMA	L		FRACTIONAL	<b>1</b>			
.XX=±.0	063"		<u>&lt;</u> 12"=±1/16"	1			
.xxx=±.0			12" THRU 96"=±1/8"				
.XXXX=±.0	101"	>9	6" THRU 144"=±1/4"	<u> </u>			
ANGULA	·R		>144"=±3/8"	1			
±2*		(NC)	=NO INSPECTION REQ'D				

C

DIM

LOREN COOK CO.

MANUFACTURERS OF AIR MOVING EQUIPMENT

SPRINGFIELD, MISSOURI

STEEL

GAUGE

D

DIM

ALUM: 3003H-14 OR EQUIVALENT

STEEL: ASTM A653 G90

HSERIES PROPELLER FAN ROOF MOUNTED HURRICANE RATED

**ALUM** 

**THICK** 

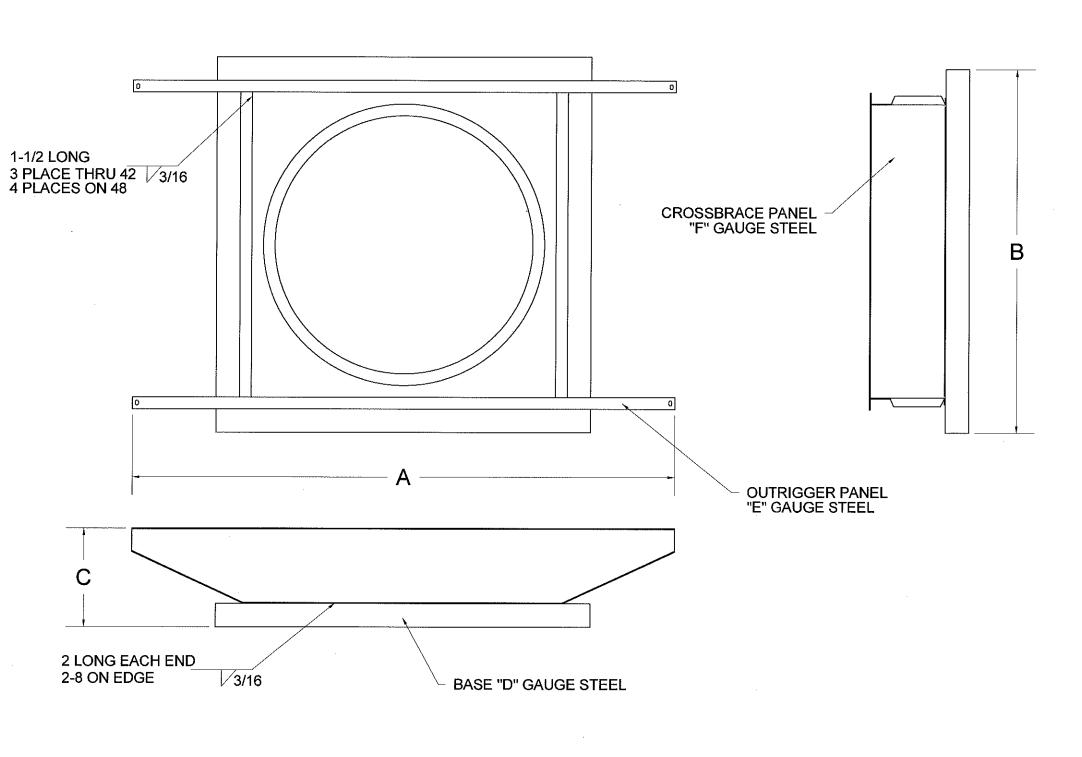
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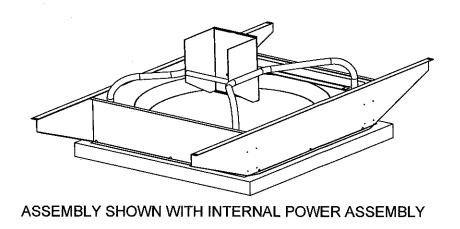
BRADLEY F SKIDMORE
FL PE LIC NO. 74411

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48	42	110	60	16.31	14	12	16
42	36	90	54	12.81	14	12	16
36	30	80	48	12.81	14	18	18
30	24	69	42	12.81	14	18	18
24	20	59	36	12.81	14	18	18
20		53	32	12.81	14	18	18
NONFILTERED	FILTERED	Α	В	С	D	E	F
SIZE		DIM	DIM	DIM	GAUGE	GAUGE	GAUGE



FL PE LIC NO. 74411

	MATL	A:	ASTM A1011							
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**DECIMAL** FRACTIONAL .XX=±.063"

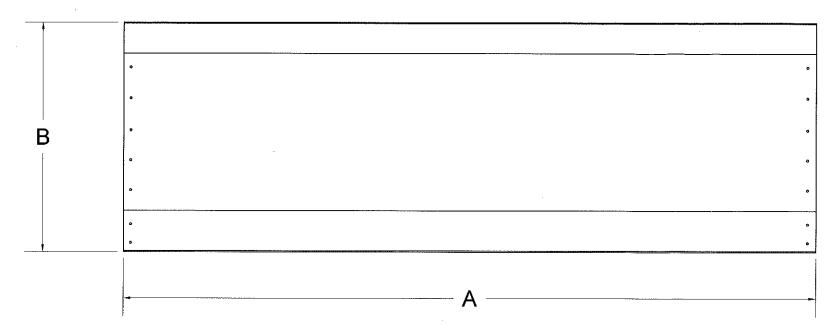
17.74€ | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10.74% | 10 .XXX=±.010" .XXXX=±.001" ANGULAR ±2\* (NC)=NO INSPECTION REQ'D

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ren cook co. ACTURERS OF AIR MOVING EQUIPMENT SPRINGFIELD, MISSOURI

HSERIES PROPELLER FAN ROOF MOUNTED HURRICANE RATED
SIZE | DRAWING NO. REV.

SD140501-75

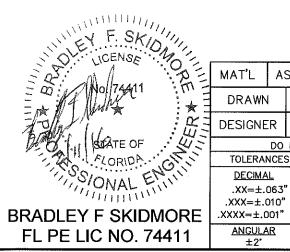




# HOOD SIDE

48	42	110	24.81	16	0.080
42	36	90	24.81	16	0.080
36	30	80	20.06	16	0.080
30	24	69	18.50	18	0.063
24	20	59	18.25	18	0.063
20		53	17.31	18	0.063
NONFILTERED	FILTERED	Α	В	STEEL	ALUM
SIZE	•	DIM	DIM	GAUGE	THICK





ANGULAR ±2'

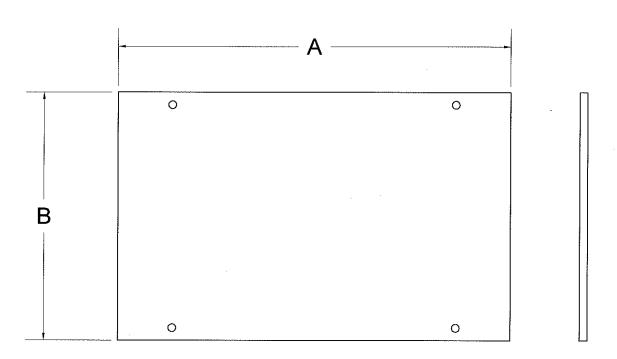
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MAT'L	AS	STM A653 G90				JOREN COOK (	ZO.,
DRAWN	1	BFS	08/15/15			MANUFACTURERS OF AIR MOVING EQU	
DESIGNE	R I	BFS	SHEET 5 OF	8	1 2/16	SPRINGFIELD, MISSOURI	
,	DO N	OT SO	CALE DRAWING		ПСЕ	RIES PROPELLER FA	N.I.
TOLERA	NCES	UNLES	S OTHERWISE NOTED		וחסבר	RIES PROPELLER FA	.IV
DECIMA	<u>L</u>		FRACTIONAL		ROOF	F MOUNTED	
	.XX=±.063" ≤12"=±1/16" .XXX=±.010" >12" THRU 96"=±1/8"			HURI	RICANE RATED		
.xxxx=±.0	001"	>9	6" THRU 144"=±1/4"		SIZE	DRAWING NO.	REV
ANGULA	\R	<b> </b>	>144"=±3/8"		R	SD140501-75	R

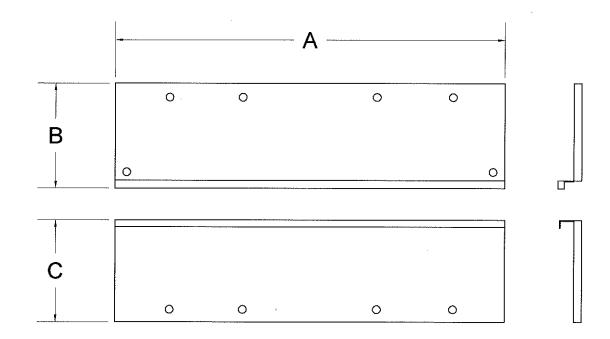
REV.

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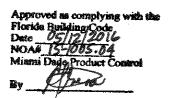
SD140501-75



ONE PIECE TOPCAP SIZES 30NF/24F AND SMALLER

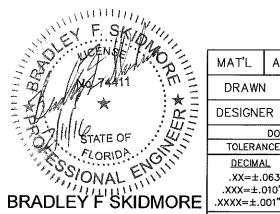


TWO PIECE TOPCAP SIZES 36NF/30F AND LARGER



48	42	110.25	22.38	22.38	16	0.080
42	36	90.25	22.38	22.38	16	0.080
36	30	80.25	17.38	17.38	16	0.080
30	24	69.25	32.63		18	0.063
24	20	59.25	32.63		18	0.063
20		53.50	30.50		18	0.063
NONFILTERED	FILTERED	Α	В	C	STEEL	ALUM
SIZE		DIM	DIM	DIM	GAUGE	THICK

TOPCAP



FL PE LIC NO. 74411

	MAT'L	AS	TM A	M A653 G90					
_	DRAWN		BFS	08/15/15					
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	DESIGNE	R	BFS	SHEET 6 OF 8	3				
7	DO NOT SCALE DRAWING								
•	TOLERA	1CES	UNLES	S OTHERWISE NOTED					
	DECIMA	L		FRACTIONAL					
	.xx=±.	063"		<u>&lt;</u> 12"=±1/16"					
	.XXX=±.0			>12" THRU 96"=±1/8"					
	VVVVV 1 7			NOC" TUDIL 144"-11/4"					

>96" THRU 144"=±1/4" >144"=±3/8" ANGULAR ±2 (NC)=NO INSPECTION REQ'D



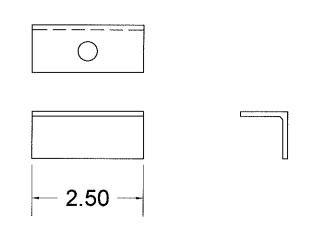
HSERIES PROPELLER FAN ROOF MOUNTED HURRICANE RATED SIZE DRAWING NO.

REV. SD140501 - 75

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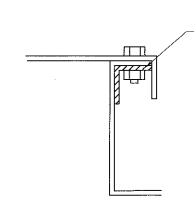
42NF, 36F,48NF,42F	29.50	4
30NF,24F, 36NF, 30F	41	2
UP TO 24/20F	32	2
SIZE	Α	QUANTITY

ALUMINUM HOOD FLANGE REINFOREMENT 1.5X1.5X1/4 ALUMINUM ANGLE 6061-T6 REQUIRED ON OPTIONAL ALUMINUM HOOD ONLY



SIZE 36/30F AND LARGER	12
UP TO SIZE 30/24F	4
SIZE	QUANTITY

ALUMINUM TOPCAP ATTACHMENT REINFORCEMENT 1X1X1/8 ALUMINUM ANGLE 6061-T6 REQUIRED ON OPTIONAL ALUMINUM HOOD ONLY



**INSTALL UNDER HOOD FLANGE AT EACH TOPCAP ATTACHMENT BOLT** 

	3.81 LX
roved as complying with the	# 1 / IN 1
ide Building Code	40/2/11
. 05/12/2016	20:200
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ONAL E BRADLEY FISKIDMORE FL PE LIC NO. 74411

	MAT'L	_		100000000000000000000000000000000000000	ſ
	DRAWN		BFS	08/15/15	
	DESIGNE	R	BFS	SHEET 7 OF 8	
DO NOT SCALE DRAWING					
ı	TOLERANCES UNLESS OTHERWISE NOTED				1 「

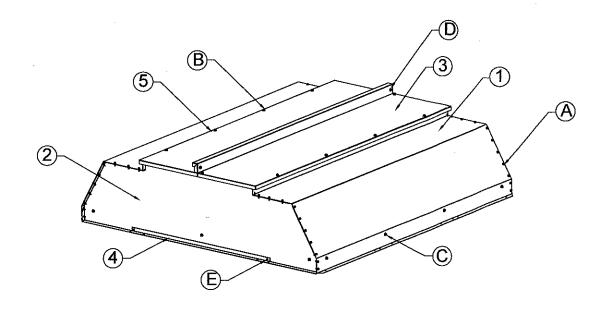
**DECIMAL** FRACTIONAL .XX=±.063" .XXX=±.010" THRU 144"=±1/4" .XXXX=±.001" >144"=±3/8" ANGULAR ±2

(NC)=NO INSPECTION REQ'D



HSERIES PROPELLER FAN ROOF MOUNTED HURRICANE RATED

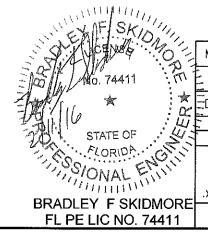
DRAWING NO. REV. SD140501-75



			FASTENER TAB	LE			
E	5/16 X 1 HEX BOLT /FLANGE NUT/ USS WASHER (1"OD) (ALUM ONLY)	4	4	4	8	8	8
	5/16 X 1 HEX BOLT / FLANGE NUT / USS WASHER (1"OD)			NAME MAN	2	2	2
(C)	5/16 X 1 HEX BOLT / FLANGE NUT / USS WASHER (1"OD)	0	14	14	14	16	. 20
B	5/16 X 1 HEX BOLT / HEX NUT / USS WASHER (1"OD)	4	4	4	12	12	12
A	1/4 X 3/4 LONG SELF-TAPPING SCREWS	32	32	40	40	44	44
ITEM	DESCRIPTION	20 NONFILTER	24 NONFILTER	30 NONFILTER	36 NONFILTER	42 NONFILTER	48 NONFILTER
•			20 FILTER	24 FILTER	30 FILTER	36 FILTER	42 FILTER
QUANTITIES					TITIES		

(5)	TOPCAP FLANGE REIN ANGLE	7
4	HOOD FLANGE REIN ANGLE	7
3	TOPCAP	6
2	HOOD END	3
1	HOOD SIDE	5
ITEM	PART NAME	SHEET

Approved as complying with the Florida Building Code
Date 05/12/2016
NOA# 15-1003.04
Miami Dady Product Control
By



MAT'L	_				
DRAWN E		BFS	08/15/15		
DESIGNE	R	BF\$	SHEET 8 OF 8		
7	DO NOT SCALE DRAWING				
TOLERANCES UNLESS OTHERWISE NOTED					
DECIMAL			<u>FRACTIONAL</u>		
.XX=±.063"			<u>≤</u> 12"=±1/16"		
.XXX=±.010"			12" THRU 96"=±1/8"		
.XXXX=±.001" >9		>9	6" THRU 144"=±1/4"		
ANGULAR			>144"=±3/8"		
±2 <b>'</b>		(NC)	=NO INSPECTION REQ'D		



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ROO	F MOUNT	ED .	
HURI	RICANE F	RATED	
CITE	004	WILLO NO	D.

SIZE	DRAWING NO.	RE'
В	SD140501-75	Ш